



patrickprioletti.com



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Patrick Prioletti

ML Engineer & Full Stack Dev Syracuse, NY

Education

MS Applied Data Science

Syracuse University
2019 - 2021

MS Applied Data Science

Syracuse University
2019 - 2021

Academic Awards

John R. Weitzel Award

Information Systems Research, 2021

Chancellor's Award Nominee

Excellence in Research, 2021

Dean's List & Cum Laude Graduate

Academic Performance, 2016-2018

Work Experience

Full Stack Engineer Psily

January 2021 - Present

Created & deployed Psily mobile app for iOS, psily.io, partner.psily.io, research.psily.io. AWS serverless backend resources including scheduled mobile notification systems, serverless GraphQL & REST APIs, dynamic user authentication and Stripe payment integrations w/ subscriptions.

Data Scientist Your Perfect Dose

December 2019 - Present

Migrated existing MySQL database to DynamoDB, created serverless GraphQL APIs, created analytics and data stream automation systems. Built and deployed yourperfectdose.com.

Rubin Family Mentor / Global Fellow

Blackstone LaunchPad

June 2019 - June 2021

Mentored students throughout graduate school at Syracuse University, automated and ran LaunchPad - Techstars - SU - Blackstone program reporting metrics and student onboarding system.

Sales Operations Analyst CXtec

May 2018 - December 2018

Worked with sales managers and their teams to develop automated spreadsheet dashboards in Excel. Led tracking and analytics program increasing lead conversion rate from 5% to 22%. Led program for federal contracting system for lead generation.

Skills

Frontend

- React
- React Native
- JavaScript
- TypeScript

Backend & Arhitecture

- GraphQL
- REST
- AWS
- GCP
- MySQL
- PostgreSQL
- DynamoDB
- MongoDB
- Netlify
- Heroku
- Expo/EAS
- MSSQL

Data Science & ML

- CPython
- PyPy
- PySpark
- Q#
- QISKit
- Tensorflow
- Keras
- MS Excel/Spreadsheets
- Jupyter
- R
- Gensim
- NLTK
- SciPy

Languages

English (native), French (beginner), Chinese (beginner)

Publications

NIST, L. McKnight, K. Bornatsch, P.J. Prioletti and D. Smith, "Secure Cloud Architecture" in Cybersecurity and Privacy Guidebook, 2020.